

## Freeform Search

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**Database:**  US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:** L9 and l11 

**Display:**  Documents in **Display Format:**  Starting with Number

**Generate:**  Hit List  Hit Count  Side by Side  Image

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### Search History

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**DATE:** Friday, February 13, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L13</u>	L9 and l11	42	<u>L13</u>
<u>L12</u>	L11 and l10	1	<u>L12</u>
<u>L11</u>	((pipelin\$) same (table\$ or list\$)).clm.	189	<u>L11</u>
<u>L10</u>	L9 and l8	44	<u>L10</u>
<u>L9</u>	((pipelin\$) same (table\$ or list\$)).ab.	783	<u>L9</u>
<u>L8</u>	((pipelin\$) same (table\$ or list\$)).ti.	81	<u>L8</u>
<u>L7</u>	((pipelin\$) same (table\$ or list\$))	6407	<u>L7</u>
<u>L6</u>	L5 and l4	10	<u>L6</u>
<u>L5</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).clm.	6409	<u>L5</u>
<u>L4</u>	l2 and l3	1039	<u>L4</u>
<u>L3</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).ab.	19105	<u>L3</u>
<u>L2</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).ti.	1653	<u>L2</u>
<u>L1</u>	(pipelin\$ or parallel\$) same (table\$ or list\$)	154699	<u>L1</u>

END OF SEARCH HISTORY

**First Hit****End of Result Set** **Generate Collection** | **Print**

L12: Entry 1 of 1

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024806  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040024806 A1

TITLE: Pipelined divider and dividing method with small lookup table

PUBLICATION-DATE: February 5, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jeong, Woong	Seoul		KR	
Jeong, Jong Chul	Seoul		KR	
Park, Woo Chan	Seoul		KR	
Lee, Moon Key	Kyonggi-do		KR	
Han, Tack Don	Seoul		KR	

APPL-NO: 10/ 231566 [PALM]

DATE FILED: August 30, 2002

## FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
KR	P2002-45232	2002KR-P2002-45232	July 31, 2002

INT-CL: [07] G06 F 7/52

US-CL-PUBLISHED: 708/656

US-CL-CURRENT: 708/656

REPRESENTATIVE-FIGURES: 3

## ABSTRACT:

A pipelined divider with a small lookup table is disclosed. The pipelined divider can greatly reduce the size of a lookup table with a low cost to overcome the problems involved in the conventional pipelined divider requiring a large lookup table due to its iterative operation type. The pipelined divider has a delay time of 3 cycles in a single precision, and can reduce a chip size by about 1/3 in comparison to the existing pipelined divider.

## Refine Search

### Search Results -

Terms	Documents
L5 and L4	10

**Database:**  
US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
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**Search:**

### Search History

**DATE:** Friday, February 13, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L6</u>	L5 and l4	10	<u>L6</u>
<u>L5</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).clm.	6409	<u>L5</u>
<u>L4</u>	l2 and l3	1039	<u>L4</u>
<u>L3</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).ab.	19105	<u>L3</u>
<u>L2</u>	((pipelin\$ or parallel\$) same (table\$ or list\$)).ti.	1653	<u>L2</u>
<u>L1</u>	(pipelin\$ or parallel\$) same (table\$ or list\$)	154699	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

**Clear**    **Generate Collection**    **Print**    **Fwd Refs**    **Bkwd Refs**  
**Generate OACS**

Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 20040024806 A1

**Using default format because multiple data bases are involved.**

L6: Entry 1 of 10

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024806

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040024806 A1

TITLE: Pipelined divider and dividing method with small lookup table

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

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Jeong, Woong	Seoul		KR	
Jeong, Jong Chul	Seoul		KR	
Park, Woo Chan	Seoul		KR	
Lee, Moon Key	Kyonggi-do		KR	
Han, Tack Don	Seoul		KR	

US-CL-CURRENT: 708/656

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn D](#)

2. Document ID: US 20030149857 A1

L6: Entry 2 of 10

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149857

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149857 A1

TITLE: Reconfigurable parallel look up table system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn D](#)

3. Document ID: US 6308220 B1

L6: Entry 3 of 10

File: USPT

Oct 23, 2001

US-PAT-NO: 6308220

DOCUMENT-IDENTIFIER: US 6308220 B1

TITLE: Circulating parallel-search engine with random inputs for network routing  
table stored in a wide embedded DRAM

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw. De](#)

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4. Document ID: US 6223320 B1

L6: Entry 4 of 10

File: USPT

Apr 24, 2001

US-PAT-NO: 6223320

DOCUMENT-IDENTIFIER: US 6223320 B1

TITLE: Efficient CRC generation utilizing parallel table lookup operations

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw. De](#)

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5. Document ID: US 6175909 B1

L6: Entry 5 of 10

File: USPT

Jan 16, 2001

US-PAT-NO: 6175909

DOCUMENT-IDENTIFIER: US 6175909 B1

TITLE: Forwarding instruction byte blocks to parallel scanning units using instruction cache associated table storing scan block boundary information for faster alignment

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw. De](#)

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6. Document ID: US 6046428 A

L6: Entry 6 of 10

File: USPT

Apr 4, 2000

US-PAT-NO: 6046428

DOCUMENT-IDENTIFIER: US 6046428 A

TITLE: Laser cutting device with parallel-plate cutting table

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Draw. De](#)

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7. Document ID: US 5655836 A

L6: Entry 7 of 10

File: USPT

Aug 12, 1997

US-PAT-NO: 5655836

DOCUMENT-IDENTIFIER: US 5655836 A

TITLE: Dual action shaker table using parallelogram linkages

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

8. Document ID: US 5418961 A

L6: Entry 8 of 10

File: USPT

May 23, 1995

US-PAT-NO: 5418961

DOCUMENT-IDENTIFIER: US 5418961 A

TITLE: Parallel tables for data model with inheritance

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

9. Document ID: US 4727423 A

L6: Entry 9 of 10

File: USPT

Feb 23, 1988

US-PAT-NO: 4727423

DOCUMENT-IDENTIFIER: US 4727423 A

TITLE: Video data processing circuit employing plural parallel-to-serial converters and look-up tables

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

10. Document ID: US 4164656 A

L6: Entry 10 of 10

File: USPT

Aug 14, 1979

US-PAT-NO: 4164656

DOCUMENT-IDENTIFIER: US 4164656 A

\*\* See image for Certificate of Correction \*\*

TITLE: Parallel safety coupling for X-ray table tilt drive

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

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Terms	Documents
L5 and L4	10

Display Format: [-] [Change Format](#)